

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4853	"453"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 15:50
L2	1046620	"3" near "5"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 15:50
L3	380	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:05
L4	12	3 and bridging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 15:53
L5	46	3 and bridg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 15:53
L6	1046621	"3" near "5"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:11
L7	4859	"453"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:17

## EAST Search History

L8	22091	"194"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:06
L9	380	6 and 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:06
L10	2	"20040072528"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:15
L11	35594	three near five	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:18
L12	13	7 and 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:15
L13	5512490	three near\$10 five	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:19
L14	21678611	"3" near\$10 "5"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:19

## EAST Search History

L15	2100	7 and 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:20
L16	1308	7 and 13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:20
L17	201	15 and bridg\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:28
L18	162	16 and bridg\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:21
L19	1078	7 and (vary varying varied varies range ranges ranging ranged approximate approximates approximated approximating ratio ratios difference differences "less than" "greater than")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:35
L20	19	19 and (("3" near\$10 "5") near (vary varying varied varies range ranges ranging ranged approximate approximates approximated approximating ratio ratios difference differences "less than" "greater than"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:38
L21	23	19 and (13 near (vary varying varied varies range ranges ranging ranged approximate approximates approximated approximating ratio ratios difference differences change changes changing changed delta deltas "less than" "greater than"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:41

## EAST Search History

L22	24	19 and ("3" near (vary varying varied varies range ranges ranging ranged approximate approximates approximated approximating ratio ratios difference differences change changes changing changed delta deltas "less than" "greater than"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:41
L23	39	19 and ("5" near (vary varying varied varies range ranges ranging ranged approximate approximates approximated approximating ratio ratios difference differences change changes changing changed delta deltas "less than" "greater than"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:43
L24	12	19 and ("5" near (vary varying varied varies range ranges ranging ranged approximate approximates approximated approximating ratio ratios difference differences delta deltas "less than" "greater than"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:59
L25	132686	three near10 five	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:00
L26	1221	"453"/\$.ccls. and ("3" with "5")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:05
L27	727	"453"/\$.ccls. and ("3" near4 "5")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:52
L28	452	27 and diameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:12

## EAST Search History

L29	19	27 and bridging	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:07
L30	79	27 and bridg\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:07
L31	62	28 and bridg\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:25
L32	187	28 and (hopper or bowl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:16
L33	442	28 and (box boxes container contained containers containing receptacle receptacles bin bins cartridge cartridges cassette cassettes compartment compartments hopper hoppers magazine magazines store stored storing storage pod pods tray trays can cans canister canisters hopper hoppers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:17
L34	390	28 not 31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:25
L35	1112	"453"/\$.ccls. and ("3" near4 "4")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:05

## EAST Search History

L36	688	35 and diameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:54
L37	102	36 and bridg\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 17:55
L38	953	"453"/\$.ccls. and ("5" near4 "4")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:06
L39	585	38 and diameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:06
L40	79	39 and bridg\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:06
L41	49	7 and bridging	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 18:17

## EAST Search History

S7	104	("6168001" "4524884" "4881919" "5607351" "5950796" "6083105" "4421220" "4509632" "6981913" "6139419" "4591159" "6200213" "5064404" "5984771" "4548220" "5573100" "5639089" "5868614" "5924919" "6095916" "6554694" "4518073" "4789982" "6168513" "3926291" "4307534" "4544162" "4787639" "5016879" "5060777" "5216234" "5232399" "5238446" "5282630" "5285883" "5347651" "5450579" "5491752" "5581735" "5627534" "5632027" "5683251" "5689706" "5742656" "5830055" "5835689" "5893086" "5908103" "5938747" "5940841").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 17:52
S8	20	("3907278" "4154437" "4355797" "4615350" "4895358" "5310173" "5535894" "5607352" "5711704").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 17:54
S9	571	shapiro.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 17:55
S10	18	S9 and "453"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 18:06
S11	84	453/13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 18:06
S12	51	453/13.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 18:06

## EAST Search History

S13	61	453/33.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 19:35
S14	82	453/33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 19:46
S15	177	453/49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 18:07
S16	265	453/49.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 18:07
S17	317	453/57.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 18:07
S18	282	453/57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 18:07
S19	862	S11 or S12 or S13 or S14 or S15 or S16 or S17 or S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 18:07
S20	126	S13 or S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 19:35



## EAST Search History

S21	0	S20 and aperture same conical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 19:35
S22	0	S20 and (aperture same conical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 19:35
S23	13	S20 and conical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 19:38
S24	21997	"194"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 19:38
S25	4826	"453"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 19:38
S26	26091	S24 or S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 15:48
S27	29	S26 and (conical same aperture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 19:39
S28	19	S19 and bridging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 19:46